



ATTORNEY DOCKET NO.: CXU-339

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Chalmers Butler, et al.)	Examiner: Kandasamy Thangavelu
)	
Serial No.: 09/894,870)	Group Art Unit: 2123
)	
Filed: June 28, 2001)	Our Customer ID: 22827
)	
Confirmation No.: 3691)	Our Account No.: 04-1403
)	
Title: Designs for Wideband Antennas with)	
Parasitic Elements and a Method to)	
Optimize Their Design Using a Genetic)	
Algorithm and Fast Integral Equation)	
Technique)	

AMENDMENT AND RESPONSE

Commissioner For Patents
U.S. Patent and Trademark Office
Post Office Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. § 1.111 and in response to the Office Action mailed August 2, 2005, Applicants respectfully request reconsideration and allowance of the subject application, based on the amendments and remarks set forth herein. In accordance with 37 C.F.R. 1.121, the present response includes the following sections:

- **AMENDMENTS TO THE SPECIFICATION** begin on page 2 of this paper;
- **AMENDMENTS TO THE DRAWINGS** begin on page 3 of this paper;
- **AMENDMENTS TO THE ABSTRACT** begin on page 4 of this paper; and
- **REMARKS** begin on page 5 of this paper.



9-6-05

ATTORNEY DOCKET NO: CXU.

2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Core Application of: CHALMERS BUTLER et al.) Group Art Unit: 2123
Serial No.: 09/894,870) Examiner: K. Thangavelu
Filed: June 28, 2001) Our Client ID: 22827
Confirmation No: 3691) Our Account No: 04-1403
Title: DESIGNS FOR WIDE BAND ANTENNAS WITH)
PARASITIC ELEMENTS AND A METHOD TO)
OPTIMIZE THEIR DESIGN USING A GENETIC)
ALGORITHM AND FAST INTEGRAL EQUATION)
TECHNIQUE)

Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE

This is an amendment and response in the above-identified application and includes the herewith attachment of same date subject which is incorporated herinto by reference and the signature below is to be treated as the signature to the attachr absence of a signature thereto.

Fee requirements (if any) have been calculated as shown below:

	Claims remaining after amendment	Highest number previously paid for	Present Extra		Additional Fee
Total Effective Claims	58	minus 58	=	X \$50 =	\$
Independent Claims	8	minus 8	=	x \$200 =	\$
If amendment enters <u>proper</u> multiple dependent claim(s) into this application for <u>first</u> time, add \$290.00 (per application)					\$
Since Official Action set an <u>original</u> due date of <u>09/02/2005</u> ,					
PETITION is hereby made for an extension to cover the date this response is filed for which the requisite fee is enclosed (1 month \$120; 2 months \$450; 3 months \$1,020; 4 months \$1590, 5 months \$2,160					\$
If Terminal Disclaimer enclosed, add Rule 20(d) Official Fee (\$110.00)					\$
SUBTOTAL:					\$ -0-
If "small entity" verified statement filed <input checked="" type="checkbox"/> previously, [] herewith, enter one-half (1/2) of subtotal and <u>subtract</u>					\$
TOTAL:					\$ -0-
Other: <u>Appendices A and B</u>					\$

TOTAL FEE ENCLOSED: \$ -0-

The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any fees in addition to the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (deficiency only) now or hereafter relative to this application and the resulting official document under Rule 20, or credit any overpayment, to our Account No. shown in the heading hereof for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee in this case.

ADDRESS:

DORITY & MANNING, ATTORNEYS AT LAW, P.A.

Post Office Box 1449
Greenville, SC 29602 USA
Customer ID No.: 22827
Telephone: 864-271-1592
Facsimile: 864-233-7342

By: RICHARD M. MOOSE Reg. No.: 31,226 Date: 09/02/2005

Signature: *Richard M. Moose*

"Express Mail" - Mailing Label Number EV600644789US
Date of Deposit September 2, 2005

I hereby certify that this paper, papers attached hereto, and/or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450

CHRISTINE P. STANFIELD

(Typed or printed name of person mailing paper or fee)

Christine P. Stanfield
(Signature of person mailing paper or fee)